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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 Jul 12 BEILSTEIN enhanced with new display and select options,  
resulting in a closer connection to BABS  
NEWS 4 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display  
fields  
NEWS 5 AUG 02 CAPlus and CA patent records enhanced with European and Japan  
Patent Office Classifications  
NEWS 6 AUG 02 The Analysis Edition of STN Express with Discover!  
(Version 7.01 for Windows) now available  
NEWS 7 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage  
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal  
status data from INPADOC  
NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available  
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX  
NEWS 12 SEP 27 STANDARDS will no longer be available on STN  
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN  
  
NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004  
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NEWS INTER General Internet Information  
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NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:52:02 ON 21 OCT 2004

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

FULL ESTIMATED COST

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |
| 0.21       | 0.21    |

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,  
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,  
CROPV, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 14:52:13 ON 21 OCT 2004

75 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> s plasma substitute

|      |                  |
|------|------------------|
| 7    | FILE ADISCTI     |
| 1    | FILE ADISINSIGHT |
| 1    | FILE ADISNEWS    |
| 4    | FILE AGRICOLA    |
| 3    | FILE ANABSTR     |
| 9    | FILE BIOBUSINESS |
| 4    | FILE BIOCOMMERCE |
| 4    | FILE BIOENG      |
| 429  | FILE BIOSIS      |
| 10   | FILE BIOTECHABS  |
| 10   | FILE BIOTECHDS   |
| 64   | FILE BIOTECHNO   |
| 54   | FILE CABA        |
| 111  | FILE CANCERLIT   |
| 586  | FILE CAPLUS      |
| 3    | FILE CEABA-VTB   |
| 1    | FILE CEN         |
| 1    | FILE CIN         |
| 8    | FILE CONFSCI     |
| 12   | FILE DDFB        |
| 50   | FILE DDFU        |
| 23   | FILE DGENE       |
| 3    | FILE DISSABS     |
| 12   | FILE DRUGB       |
| 74   | FILE DRUGU       |
| 1    | FILE EMBAL       |
| 1707 | FILE EMBASE      |
| 27   | FILE ESBIODASE   |
| 1    | FILE FEDRIP      |

37 FILES SEARCHED...

|      |                  |
|------|------------------|
| 2    | FILE FROSTI      |
| 1    | FILE FSTA        |
| 25   | FILE IFIPAT      |
| 44   | FILE IMSPRODUCT  |
| 53   | FILE JICST-EPLUS |
| 12   | FILE LIFESCI     |
| 5284 | FILE MEDLINE     |
| 10   | FILE NIOSHTIC    |
| 81   | FILE NTIS        |
| 647  | FILE PASCAL      |
| 29   | FILE PHAR        |
| 6    | FILE PHARMAML    |
| 55   | FILE PHIN        |
| 30   | FILE PROMT       |
| 274  | FILE SCISEARCH   |
| 816  | FILE TOXCENTER   |
| 275  | FILE USPATFULL   |
| 14   | FILE USPAT2      |
| 1    | FILE VETU        |

72 FILES SEARCHED...

|     |            |
|-----|------------|
| 130 | FILE WPIDS |
|-----|------------|

50 FILES HAVE ONE OR MORE ANSWERS, 75 FILES SEARCHED IN STNINDEX

L1 QUE PLASMA SUBSTITUTE /

=&gt; d rank

|     |      |             |
|-----|------|-------------|
| F1  | 5284 | MEDLINE     |
| F2  | 1707 | EMBASE      |
| F3  | 816  | TOXCENTER   |
| F4  | 647  | PASCAL      |
| F5  | 586  | CAPLUS      |
| F6  | 429  | BIOSIS      |
| F7  | 275  | USPATFULL   |
| F8  | 274  | SCISEARCH   |
| F9  | 130  | WPIDS       |
| F10 | 130  | WPINDEX     |
| F11 | 111  | CANCERLIT   |
| F12 | 81   | NTIS        |
| F13 | 74   | DRUGU       |
| F14 | 64   | BIOTECHNO   |
| F15 | 55   | PHIN        |
| F16 | 54   | CABA        |
| F17 | 53   | JICST-EPLUS |
| F18 | 50   | DDFU        |
| F19 | 44   | IMSPRODUCT  |
| F20 | 30   | PROMT       |
| F21 | 29   | PHAR        |
| F22 | 27   | ESBIOBASE   |
| F23 | 25   | IFIPAT      |
| F24 | 23   | DGENE       |
| F25 | 14   | USPAT2      |
| F26 | 12   | DDFB        |
| F27 | 12   | DRUGB       |
| F28 | 12   | LIFESCI     |
| F29 | 10   | BIOTECHABS  |
| F30 | 10   | BIOTECHDS   |
| F31 | 10   | NIOSHTIC    |
| F32 | 9    | BIOBUSINESS |
| F33 | 8    | CONFSCI     |
| F34 | 7    | ADISCTI     |
| F35 | 6    | PHARMAML    |
| F36 | 4    | AGRICOLA    |
| F37 | 4    | BIOCOMMERCE |
| F38 | 4    | BIOENG      |
| F39 | 3    | ANABSTR     |
| F40 | 3    | CEABA-VTB   |
| F41 | 3    | DISSABS     |
| F42 | 2    | FROSTI      |
| F43 | 1    | ADISINSIGHT |
| F44 | 1    | ADISNEWS    |
| F45 | 1    | CEN         |
| F46 | 1    | CIN         |
| F47 | 1    | EMBAL       |
| F48 | 1    | FEDRIP      |
| F49 | 1    | FSTA        |
| F50 | 1    | VETU        |

=&gt; file f1, f2, f3, f4, f5, f6, f7, f8, f9, f10, f11, f12, f13

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.14

1.35

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=> s plasma substitute  
L2 10414 PLASMA SUBSTITUTE

=> s recombinant gelatin  
L3 57 RECOMBINANT GELATIN

=> s 12 and 13  
L4 0 L2 AND L3

=> s osmotic AND 12  
L5 505 OSMOTIC AND L2

=> s 15 AND recombinant  
L6 29 L5 AND RECOMBINANT

=> d 16 ibib ti 1-29

L6 ANSWER 1 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2004:127726 USPATFULL

TITLE: Method for the crystallization of human serum albumin  
INVENTOR(S): Visuri, Kalevi, Kirkkonummi, FINLAND  
Uotila, Sinikka, Espoo, FINLAND  
Fulton, Scott P., Middleton, WI, UNITED STATES  
Couto, Daniel E., Chelsea, MA, UNITED STATES

|                       | NUMBER   | KIND | DATE          |
|-----------------------|--|------|---------------|
| PATENT INFORMATION:   | US 2004097710  | A1   | 20040520      |
| APPLICATION INFO.:    | US 2002-300233   | A1   | 20021119 (10) |
| DOCUMENT TYPE:        | Utility  |      |               |
| FILE SEGMENT:         | APPLICATION  |      |               |
| LEGAL REPRESENTATIVE: | GTC BIOTHERAPEUTICS, INC., 175 CROSSING BOULEVARD,<br>SUITE 410, FRAMINGHAM, MA, 01702 |      |               |
| NUMBER OF CLAIMS:     | 183  |      |               |
| EXEMPLARY CLAIM:      | 1  |      |               |
| NUMBER OF DRAWINGS:   | 14 Drawing Page(s)   |      |               |
| LINE COUNT:           | 2646   |      |               |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Method for the crystallization of human serum albumin

L6 ANSWER 2 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2004:113739 USPATFULL  
TITLE: Physiologically acceptable aqueous solutions and  
methods for their use  
INVENTOR(S): Segall, Paul E., Berkeley, CA, UNITED STATES  
Sternberg, Hal, Berkeley, CA, UNITED STATES  
Waitz, Harold D., Berkeley, CA, UNITED STATES  
Segall, Judith M., Berkeley, CA, UNITED STATES

|                       | NUMBER   | KIND | DATE          |
|-----------------------|--|------|---------------|
| PATENT INFORMATION:   | US 2004086578  | A1   | 20040506      |
| APPLICATION INFO.:    | US 2003-684151   | A1   | 20031010 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-530006, filed on 20<br>Apr 2000, GRANTED, Pat. No. US 6680305 A 371 of<br>International Ser. No. WO 1997-US19964, filed on 31 Oct<br>1997, PENDING Continuation-in-part of Ser. No. US<br>1997-886921, filed on 2 Jul 1997, GRANTED, Pat. No. US<br>5945272 Continuation of Ser. No. US 1997-780974, filed<br>on 9 Jan 1997, ABANDONED Continuation of Ser. No. US<br>1994-364699, filed on 28 Dec 1994, ABANDONED<br>Continuation-in-part of Ser. No. US 1994-253384, filed<br>on 3 Jun 1994, GRANTED, Pat. No. US 5702880<br>Continuation-in-part of Ser. No. US 1993-133527, filed<br>on 7 Oct 1993, ABANDONED Continuation-in-part of Ser.<br>No. US 1993-71533, filed on 4 Jun 1993, GRANTED, Pat.<br>No. US 5407428 |      |               |
| DOCUMENT TYPE:        | Utility  |      |               |
| FILE SEGMENT:         | APPLICATION  |      |               |
| LEGAL REPRESENTATIVE: | BOZICEVIC, FIELD & FRANCIS LLP, 200 MIDDLEFIELD RD,<br>SUITE 200, MENLO PARK, CA, 94025  |      |               |
| NUMBER OF CLAIMS:     | 20   |      |               |
| EXEMPLARY CLAIM:      | 1  |      |               |
| LINE COUNT:           | 1270   |      |               |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Physiologically acceptable aqueous solutions and methods for their use

L6 ANSWER 3 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2004:25124 USPATFULL  
TITLE: Methods and compositions for use in perfusion  
applications  
INVENTOR(S): Segall, Paul E., Berkeley, CA, UNITED STATES

Waitz, Harold D., Berkeley, CA, UNITED STATES  
Sternberg, Hal, Berkeley, CA, UNITED STATES

|  | NUMBER   | KIND | DATE          |
|--|--|------|---------------|
| PATENT INFORMATION:                        | US 2004018966  | A1   | 20040129      |
| APPLICATION INFO.:                         | US 2003-445392   | A1   | 20030523 (10) |
| RELATED APPLN. INFO.:                      | Continuation of Ser. No. US 1999-243921, filed on 3 Feb 1999, GRANTED, Pat. No. US 6589223 |      |               |
| DOCUMENT TYPE:                             | Utility  |      |               |
| FILE SEGMENT:                              | APPLICATION  |      |               |
| LEGAL REPRESENTATIVE:                      | BOZICEVIC, FIELD & FRANCIS LLP, 200 MIDDLEFIELD RD, SUITE 200, MENLO PARK, CA, 94025       |      |               |
| NUMBER OF CLAIMS:                          | 26   |      |               |
| EXEMPLARY CLAIM:                           | 1  |      |               |
| LINE COUNT:                                | 1017   |      |               |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |               |
| TI   | Methods and compositions for use in perfusion applications                                 |      |               |

L6 ANSWER 4 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2004:15031 USPATFULL  
TITLE: Physiologically acceptable aqueous solutions and methods for their use  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S. corporation)

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 6680305  | B1   | 20040120     |
|  | WO 9922746  |      | 19990514     |
| APPLICATION INFO.:                         | US 2000-530006  |      | 20000420 (9) |
|  | WO 1997-US19964   |      | 19971031     |
| RELATED APPLN. INFO.:                      | Continuation-in-part of Ser. No. US 1997-886921, filed on 2 Jul 1997, now patented, Pat. No. US 5945272<br>Continuation of Ser. No. US 1997-780974, filed on 9 Jan 1997, now abandoned<br>Continuation of Ser. No. US 1994-364699, filed on 8 Dec 1994, now abandoned<br>Continuation-in-part of Ser. No. US 1994-253384, filed on 3 Jun 1994, now patented, Pat. No. US 5702880<br>Continuation-in-part of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned<br>Continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428 |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | GRANTED   |      |              |
| PRIMARY EXAMINER:                          | Fay, Zohreh   |      |              |
| ASSISTANT EXAMINER:                        | Kwon, Brian-Yong  |      |              |
| LEGAL REPRESENTATIVE:                      | Field, Bret E., Bozicevic, Field & Francis, Tall, Susan   |      |              |
| NUMBER OF CLAIMS:                          | 9   |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| NUMBER OF DRAWINGS:                        | 0 Drawing Figure(s); 0 Drawing Page(s)  |      |              |
| LINE COUNT:                                | 1332  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |
| TI   | Physiologically acceptable aqueous solutions and methods for their use  |      |              |

L6 ANSWER 5 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2004:2420 USPATFULL  
TITLE: Size enhanced hemoglobins: surface decoration and crosslinking of the protein with polyoxy alkylene

glycols  
INVENTOR(S): Acharya, Seetharama A., Cresskill, NJ, UNITED STATES  
Manjula, Belur N., Cresskill, NJ, UNITED STATES

|                     | NUMBER         | KIND | DATE          |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2004002443  | A1   | 20040101      |
| APPLICATION INFO.:  | US 2002-198732 | A1   | 20020718 (10) |

|  | NUMBER   | DATE          |
|--|--|---------------|
| PRIORITY INFORMATION:                      | US 2001-306623P  | 20010719 (60) |
| DOCUMENT TYPE:                             | Utility  |               |
| FILE SEGMENT:                              | APPLICATION  |               |
| LEGAL REPRESENTATIVE:                      | Elie H. Gendloff, Amster, Rothstein & Ebenstein, 90<br>Park Avenue, New York, NY, 10016                        |               |
| NUMBER OF CLAIMS:                          | 80   |               |
| EXEMPLARY CLAIM:                           | 1  |               |
| NUMBER OF DRAWINGS:                        | 8 Drawing Page(s)  |               |
| LINE COUNT:                                | 1688   |               |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |               |
| TI   | Size enhanced hemoglobins: surface decoration and crosslinking of the<br>protein with polyoxy alkylene glycols |               |

L6 ANSWER 6 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2003:337269 USPATFULL  
TITLE: Reduced side-effect hemoglobin compositions  
INVENTOR(S): Looker, Douglas L., Lafayette, CO, United States  
Apostol, Izydor Z., Boulder, CO, United States  
Brucker, Eric A., Evergreen, CO, United States  
Doyle, Michael P., Boulder, CO, United States  
Foster, David L., Lafayette, CO, United States  
Glascocock, Christopher B., Louisville, CO, United States  
Hartman, James C., Boulder, CO, United States  
Lee, Geoffrey F., Boulder, CO, United States  
Lemon, Douglas D., Louisville, CO, United States  
Moore, Edwin G., Boulder, CO, United States  
Richards, Jane P., Longmont, CO, United States  
Schick, Michael R., Louisville, CO, United States  
Trimble, Stephen P., Boulder, CO, United States  
Pereira, David, Apex, NC, United States  
Hai, Ton-That, Mundelein, IL, United States  
Burhop, Kenneth E., Longmont, CO, United States  
PATENT ASSIGNEE(S): Baxter International, Inc., Deerfield, IL, United  
States (U.S. corporation)  
Baxter Healthcare S.A., Kanton Zurich, SWITZERLAND  
(non-U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 6670323   | B1   | 20031230     |
| APPLICATION INFO.:    | US 2000-709914   |      | 20001110 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 403208, now<br>patented, Pat. No. US 6455676 |      |              |

|                       | NUMBER                             | DATE          |
|-----------------------|------------------------------------|---------------|
| PRIORITY INFORMATION: | US 1999-165289P                    | 19991112 (60) |
| DOCUMENT TYPE:        | Utility                            |               |
| FILE SEGMENT:         | GRANTED                            |               |
| PRIMARY EXAMINER:     | Carlson, Karen Cochrane            |               |
| LEGAL REPRESENTATIVE: | Senniger, Powers, Leavitt & Roedel |               |
| NUMBER OF CLAIMS:     | 155                                |               |

EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 18 Drawing Figure(s); 18 Drawing Page(s)  
LINE COUNT: 4788  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Reduced side-effect hemoglobin compositions

L6 ANSWER 7 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2003:243798 USPATFULL  
TITLE: Stable aqua formulation of interferon, the preparation method and the uses thereof  
INVENTOR(S): Zhang, Lei, Tianjin, CHINA

|                     | NUMBER         | KIND | DATE          |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2003170207  | A1   | 20030911      |
| APPLICATION INFO.:  | US 2002-148865 | A1   | 20021007 (10) |
|                     | WO 2000-CN531  |      | 20001205      |

|                       | NUMBER  | DATE     |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | CN 1999-125582  | 19991206 |
| DOCUMENT TYPE:        | Utility   |          |
| FILE SEGMENT:         | APPLICATION   |          |
| LEGAL REPRESENTATIVE: | SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092 |          |
| NUMBER OF CLAIMS:     | 28  |          |
| EXEMPLARY CLAIM:      | 1   |          |
| LINE COUNT:           | 612   |          |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Stable aqua formulation of interferon, the preparation method and the uses thereof

L6 ANSWER 8 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2003:183696 USPATFULL  
TITLE: Method and compositions for use in perfusion applications  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S. corporation)

|                       | NUMBER                                      | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 6589223                                  | B1   | 20030708     |
| APPLICATION INFO.:    | US 1999-243921                              |      | 19990203 (9) |
| DOCUMENT TYPE:        | Utility                                     |      |              |
| FILE SEGMENT:         | GRANTED                                     |      |              |
| PRIMARY EXAMINER:     | Mendez, Manuel                              |      |              |
| ASSISTANT EXAMINER:   | Thompson, Michael M.                        |      |              |
| LEGAL REPRESENTATIVE: | Field., Bret E., Bozicevic, Field & Francis |      |              |
| NUMBER OF CLAIMS:     | 11  |      |              |
| EXEMPLARY CLAIM:      | 1   |      |              |
| NUMBER OF DRAWINGS:   | 0 Drawing Figure(s); 0 Drawing Page(s)      |      |              |
| LINE COUNT:           | 938   |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Method and compositions for use in perfusion applications

L6 ANSWER 9 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2003:120749 USPATFULL  
TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
INVENTOR(S): Winslow, Robert M., La Jolla, CA, UNITED STATES



|  | NUMBER  | KIND | DATE          |
|--|---|------|---------------|
| PATENT INFORMATION:                        | US 2003083233   | A1   | 20030501      |
| APPLICATION INFO.:                         | US 2002-199269  | A1   | 20020718 (10) |
| RELATED APPLN. INFO.:                      | Continuation of Ser. No. US 2000-544656, filed on 5 Apr 2000, GRANTED, Pat. No. US 6432918 Continuation of Ser. No. US 1998-32342, filed on 27 Feb 1998, GRANTED, Pat. No. US 6054427 Continuation-in-part of Ser. No. US 1997-810694, filed on 28 Feb 1997, GRANTED, Pat. No. US 5814601 |      |               |
| DOCUMENT TYPE:                             | Utility   |      |               |
| FILE SEGMENT:                              | APPLICATION   |      |               |
| LEGAL REPRESENTATIVE:                      | Kamrin T. MacKnight, MEDLEN & CARROLL, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA, 94104   |      |               |
| NUMBER OF CLAIMS:                          | 44  |      |               |
| EXEMPLARY CLAIM:                           | 1   |      |               |
| NUMBER OF DRAWINGS:                        | 23 Drawing Page(s)  |      |               |
| LINE COUNT:                                | 4443  |      |               |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |               |
| TI   | Methods and compositions for optimization of oxygen transport by cell-free systems  |      |               |

L6 ANSWER 10 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2003:37211 USPATFULL  
 TITLE: Artificial blood fluids and microflow drag reducing factors for enhanced blood circulation  
 INVENTOR(S): Kameneva, Marina V., Pittsburgh, PA, UNITED STATES  
 Borovetz, Harvey S., Pittsburgh, PA, UNITED STATES  
 Chapman, Toby M., Pittsburgh, PA, UNITED STATES  
 Griffith, Bartley P., Pittsburgh, PA, UNITED STATES  
 Repko, Brandon M., Pittsburgh, PA, UNITED STATES

|  | NUMBER  | KIND | DATE          |
|--|---|------|---------------|
| PATENT INFORMATION:                        | US 2003026855   | A1   | 20030206      |
| APPLICATION INFO.:                         | US 2002-37130   | A1   | 20020102 (10) |
| RELATED APPLN. INFO.:                      | Continuation of Ser. No. US 2000-487194, filed on 19 Jan 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-339647, filed on 24 Jun 1999, ABANDONED Continuation-in-part of Ser. No. US 1998-150138, filed on 9 Sep 1998, ABANDONED |      |               |
| DOCUMENT TYPE:                             | Utility   |      |               |
| FILE SEGMENT:                              | APPLICATION   |      |               |
| LEGAL REPRESENTATIVE:                      | Allen Bloom, Esq., Dechert Price & Rhoads, P. O. Box 5218, Princeton, NJ, 08543   |      |               |
| NUMBER OF CLAIMS:                          | 90  |      |               |
| EXEMPLARY CLAIM:                           | 1   |      |               |
| NUMBER OF DRAWINGS:                        | 26 Drawing Page(s)  |      |               |
| LINE COUNT:                                | 1736  |      |               |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |               |
| TI   | Artificial blood fluids and microflow drag reducing factors for enhanced blood circulation  |      |               |

L6 ANSWER 11 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2002:228319 USPATFULL  
 TITLE: Immunostimulation mediated by gene-modified dendritic cells  
 INVENTOR(S): Song, Elizabeth S., Howth, IRELAND  
 Chada, Sunil, Vista, CA, UNITED STATES  
 Lee, Virginia, Cardiff, CA, UNITED STATES  
 Jolly, Douglas J., Leucadia, CA, UNITED STATES

|  | NUMBER   | KIND | DATE         |
|--|--|------|--------------|
| PATENT INFORMATION:                        | US 2002123479  | A1   | 20020905     |
| APPLICATION INFO.:                         | US 2001-976576   | A1   | 20011012 (9) |
| RELATED APPLN. INFO.:                      | Continuation of Ser. No. US 1999-456668, filed on 8 Dec 1999, ABANDONED              |      |              |
| DOCUMENT TYPE:                             | Utility  |      |              |
| FILE SEGMENT:                              | APPLICATION  |      |              |
| LEGAL REPRESENTATIVE:                      | CHIRON CORPORATION, Intellectual Property, P.O. Box 8097, Emeryville, CA, 94662-8097 |      |              |
| NUMBER OF CLAIMS:                          | 20   |      |              |
| EXEMPLARY CLAIM:                           | 1  |      |              |
| NUMBER OF DRAWINGS:                        | 9 Drawing Page(s)  |      |              |
| LINE COUNT:                                | 2868   |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |              |
| TI   | Immunostimulation mediated by gene-modified dendritic cells                          |      |              |

L6 ANSWER 12 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2002:202059 USPATFULL  
 TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
 INVENTOR(S): Winslow, Robert M., La Jolla, CA, United States  
 PATENT ASSIGNEE(S): The Regents of the University of California, Oakland, CA, United States (U.S. corporation)

|  | NUMBER   | KIND | DATE         |
|--|--|------|--------------|
| PATENT INFORMATION:                        | US 6432918   | B1   | 20020813     |
| APPLICATION INFO.:                         | US 2000-544656   |      | 20000405 (9) |
| RELATED APPLN. INFO.:                      | Continuation of Ser. No. US 1998-32342, filed on 27 Feb 1998, now patented, Pat. No. US 6054427<br>Continuation-in-part of Ser. No. US 1997-810694, filed on 28 Feb 1997, now patented, Pat. No. US 5814601, issued on 29 Sep 1998 |      |              |
| DOCUMENT TYPE:                             | Utility  |      |              |
| FILE SEGMENT:                              | GRANTED  |      |              |
| PRIMARY EXAMINER:                          | Low, Christopher S. F.   |      |              |
| ASSISTANT EXAMINER:                        | Mohamed, Abdel A.  |      |              |
| LEGAL REPRESENTATIVE:                      | Medlen & Carroll, LLP  |      |              |
| NUMBER OF CLAIMS:                          | 96   |      |              |
| EXEMPLARY CLAIM:                           | 1  |      |              |
| NUMBER OF DRAWINGS:                        | 23 Drawing Figure(s); 23 Drawing Page(s)   |      |              |
| LINE COUNT:                                | 4586   |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |              |
| TI   | Methods and compositions for optimization of oxygen transport by cell-free systems   |      |              |

L6 ANSWER 13 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2001:223734 USPATFULL  
 TITLE: Methods of administering a synthetic plasma like solution, and systems and kits for use in practicing the same  
 INVENTOR(S): Sternberg, Hal, Berkeley, CA, United States

|                     | NUMBER         | KIND | DATE         |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2001048951  | A1   | 20011206     |
| APPLICATION INFO.:  | US 2001-834747 | A1   | 20010413 (9) |

|                       | NUMBER          | DATE          |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2000-197307P | 20000414 (60) |
| DOCUMENT TYPE:        | Utility         |               |

FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Bret E. Field, Bozicevic, Field and Francis LLP, Suite  
200, 200 Middlefield Road, Menlo Park, CA, 94025  
NUMBER OF CLAIMS: 25  
EXEMPLARY CLAIM: 1  
LINE COUNT: 982  
TI Methods of administering a synthetic plasma like solution, and systems  
and kits for use in practicing the same

L6 ANSWER 14 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2001:173576 USPATFULL  
TITLE: Plasma-like solution  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
corporation)

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 6300322  | B1   | 20011009     |
| APPLICATION INFO.:                         | US 2000-565784  |      | 20000505 (9) |
| RELATED APPLN. INFO.:                      | Continuation-in-part of Ser. No. US 530006<br>Continuation-in-part of Ser. No. US 1997-886921, filed<br>on 2 Jul 1997, now patented, Pat. No. US 5945272<br>Continuation of Ser. No. US 1997-780974, filed on 9 Jan<br>1997, now abandoned Continuation of Ser. No. US<br>1994-364699, filed on 28 Dec 1994, now abandoned<br>Continuation-in-part of Ser. No. US 1994-253384, filed<br>on 3 Jun 1994, now patented, Pat. No. US 5702880<br>Continuation-in-part of Ser. No. US 1993-133527, filed<br>on 7 Oct 1993, now abandoned Continuation-in-part of<br>Ser. No. US 1993-71533, filed on 4 Jun 1993, now<br>patented, Pat. No. US 5407428 |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | GRANTED   |      |              |
| PRIMARY EXAMINER:                          | Jarvis, William R. A.   |      |              |
| ASSISTANT EXAMINER:                        | Kim, Vickie   |      |              |
| LEGAL REPRESENTATIVE:                      | Field, Bret E.Bozicevic, Field & Francis  |      |              |
| NUMBER OF CLAIMS:                          | 21  |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| LINE COUNT:                                | 1311  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |
| TI   | Plasma-like solution  |      |              |

L6 ANSWER 15 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2001:93355 USPATFULL  
TITLE: Medium for preserving biological materials  
INVENTOR(S): Crespo, Andre, Ormesson, France  
Soria, Henri Michel, Monts, France  
PATENT ASSIGNEE(S): Aventis Pharms S.A., Antony, France (non-U.S.  
corporation)

|                     | NUMBER         | KIND | DATE                     |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 6248588     | B1   | 20010619                 |
|                     | WO 9733975     |      | 19970918                 |
| APPLICATION INFO.:  | US 1998-125331 |      | 19981214 (9)             |
|                     | WO 1997-FR385  |      | 19970305                 |
|                     |                |      | 19981214 PCT 371 date    |
|                     |                |      | 19981214 PCT 102(e) date |

|  | NUMBER                                     | DATE     |
|--|--|----------|
| PRIORITY INFORMATION:                      | FR 1996-3074                               | 19960312 |
| DOCUMENT TYPE:                             | Utility                                    |          |
| FILE SEGMENT:                              | GRANTED                                    |          |
| PRIMARY EXAMINER:                          | Ware, Deborah K.                           |          |
| LEGAL REPRESENTATIVE:                      | Dubberley, F. Aaron, Krupen, Karen I.      |          |
| NUMBER OF CLAIMS:                          | 47   |          |
| EXEMPLARY CLAIM:                           | 1  |          |
| LINE COUNT:                                | 1098                                       |          |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |          |
| TI   | Medium for preserving biological materials |          |

L6 ANSWER 16 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2001:55676 USPATFULL

TITLE: Methods and compositions for use in perfusion applications

INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States

PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S. corporation)

|  | NUMBER   | KIND | DATE         |
|--|--|------|--------------|
| PATENT INFORMATION:                        | US 6218099   | B1   | 20010417     |
| APPLICATION INFO.:                         | US 1999-244283   |      | 19990203 (9) |
| RELATED APPLN. INFO.:                      | Continuation-in-part of Ser. No. US 1997-896823, filed on 18 Jul 1997 Continuation of Ser. No. US 1994-253384, filed on 3 Jun 1994, now patented, Pat. No. US 5702880 Continuation-in-part of Ser. No. WO 1997-US19964, filed on 31 Oct 1997 |      |              |
| DOCUMENT TYPE:                             | Utility  |      |              |
| FILE SEGMENT:                              | Granted  |      |              |
| PRIMARY EXAMINER:                          | Saucier, Sandra E.   |      |              |
| LEGAL REPRESENTATIVE:                      | Field, Bret E.Bozicevic, Field & Francis   |      |              |
| NUMBER OF CLAIMS:                          | 13   |      |              |
| EXEMPLARY CLAIM:                           | 1  |      |              |
| LINE COUNT:                                | 1035   |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |              |
| TI   | Methods and compositions for use in perfusion applications   |      |              |

L6 ANSWER 17 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2000:113532 USPATFULL

TITLE: Plasma-like substance

INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States

PATENT ASSIGNEE(S): Biotime, Inc., Berkeley, CA, United States (U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 6110504   |      | 20000829     |
| APPLICATION INFO.:    | US 1998-24884  |      | 19980217 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1995-462650, filed on 5 Jun 1995, now patented, Pat. No. US 5747071 which is a division of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428 |      |              |

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Prats, Francisco  
LEGAL REPRESENTATIVE: Field, Bret E.Bozicevic, Field & Francis  
NUMBER OF CLAIMS: 13  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2015  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Plasma-like substance

L6 ANSWER 18 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2000:50677 USPATFULL  
TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
INVENTOR(S): Winslow, Robert M., La Jolla, CA, United States  
PATENT ASSIGNEE(S): The Regents of the University of California, CA, United States (U.S. corporation)

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 6054427  |      | 20000425     |
| APPLICATION INFO.:                         | US 1998-32342   |      | 19980227 (9) |
| RELATED APPLN. INFO.:                      | Continuation-in-part of Ser. No. US 1997-810694, filed on 28 Feb 1997, now patented, Pat. No. US 5814601, issued on 29 Sep 1998 |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | Granted   |      |              |
| PRIMARY EXAMINER:                          | Low, Christopher S. F.  |      |              |
| ASSISTANT EXAMINER:                        | Mohamed, Abdel A.   |      |              |
| LEGAL REPRESENTATIVE:                      | Medlen & Carroll, LLP   |      |              |
| NUMBER OF CLAIMS:                          | 35  |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| NUMBER OF DRAWINGS:                        | 24 Drawing Figure(s); 23 Drawing Page(s)  |      |              |
| LINE COUNT:                                | 4473  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |
| TI   | Methods and compositions for optimization of oxygen transport by cell-free systems  |      |              |

L6 ANSWER 19 OF 29 USPATEFULL on STN  
ACCESSION NUMBER: 2000:41015 USPATEFULL  
TITLE: Therapeutic use of hemoglobin to treat head injury  
INVENTOR(S): Burhop, Kenneth E., Mundelein, IL, United States  
Shackford, Steven R., Shelburne, VT, United States  
PATENT ASSIGNEE(S): Baxter International, Inc., Deerfield, IL, United States (U.S. corporation)

|  | NUMBER   | KIND | DATE         |
|--|--|------|--------------|
| PATENT INFORMATION:                        | US 6046170   |      | 20000404     |
| APPLICATION INFO.:                         | US 1998-177326   |      | 19981022 (9) |
| RELATED APPLN. INFO.:                      | Continuation of Ser. No. US 1996-734296, filed on 21 Oct 1996, now abandoned |      |              |
| DOCUMENT TYPE:                             | Utility  |      |              |
| FILE SEGMENT:                              | Granted  |      |              |
| PRIMARY EXAMINER:                          | Celsa, Bennett   |      |              |
| LEGAL REPRESENTATIVE:                      | Senniger, Powers, Leavitt & Roedel   |      |              |
| NUMBER OF CLAIMS:                          | 23   |      |              |
| EXEMPLARY CLAIM:                           | 1  |      |              |
| LINE COUNT:                                | 640  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |              |
| TI   | Therapeutic use of hemoglobin to treat head injury                           |      |              |

L6 ANSWER 20 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1999:146524 USPATFULL  
TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
INVENTOR(S): Winslow, Robert M., La Jolla, CA, United States  
Intaglietta, Marcos, La Jolla, CA, United States  
PATENT ASSIGNEE(S): The Regents of the University of California, Oakland, CA, United States (U.S. corporation)

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 5985825  |      | 19991116     |
| APPLICATION INFO.:                         | US 1998-162942  |      | 19980929 (9) |
| RELATED APPLN. INFO.:                      | Continuation of Ser. No. US 1998-810694, filed on 28 Feb 1998, now patented, Pat. No. US 5814601, issued on 29 Sep 1998 |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | Granted   |      |              |
| PRIMARY EXAMINER:                          | Tsang, Cecilia J.   |      |              |
| ASSISTANT EXAMINER:                        | Mohamed, Abdel A.   |      |              |
| LEGAL REPRESENTATIVE:                      | Medlen & Carroll, LLP   |      |              |
| NUMBER OF CLAIMS:                          | 18  |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| NUMBER OF DRAWINGS:                        | 17 Drawing Figure(s); 16 Drawing Page(s)  |      |              |
| LINE COUNT:                                | 2350  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |
| TI   | Methods and compositions for optimization of oxygen transport by cell-free systems                                      |      |              |

L6 ANSWER 21 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:119118 USPATFULL  
TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
INVENTOR(S): Winslow, Robert M., La Jolla, CA, United States  
Intaglietta, Marcos, La Jolla, CA, United States  
PATENT ASSIGNEE(S): The Regents of the University of California, Oakland, CA, United States (U.S. corporation)

|  | NUMBER   | KIND | DATE         |
|--|--|------|--------------|
| PATENT INFORMATION:                        | US 5814601   |      | 19980929     |
| APPLICATION INFO.:                         | US 8106940   |      | 19970228 (8) |
| DOCUMENT TYPE:                             | Utility  |      |              |
| FILE SEGMENT:                              | Granted  |      |              |
| PRIMARY EXAMINER:                          | Tsang, Cecilia J.  |      |              |
| ASSISTANT EXAMINER:                        | Mohamed, Abdel A.  |      |              |
| LEGAL REPRESENTATIVE:                      | Medlen & Carroll, LLP  |      |              |
| NUMBER OF CLAIMS:                          | 27   |      |              |
| EXEMPLARY CLAIM:                           | 1  |      |              |
| NUMBER OF DRAWINGS:                        | 17 Drawing Figure(s); 16 Drawing Page(s)   |      |              |
| LINE COUNT:                                | 2493   |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |              |
| TI   | Methods and compositions for optimization of oxygen transport by cell-free systems |      |              |

L6 ANSWER 22 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:75563 USPATFULL  
TITLE: Human serum albumin-porphyrin complexes with the ability to bind oxygen and therapeutic uses thereof  
INVENTOR(S): Bonaventura, Joseph, Beaufort, NC, United States  
PATENT ASSIGNEE(S): Duke University, Durham, NC, United States (U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 5773417 19980630  
 APPLICATION INFO.: US 1997-906828 19970806 (8)  
 RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-279371, filed on 22  
 Jul 1994, now abandoned  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Tsang, Cecilia J.  
 ASSISTANT EXAMINER: Mohamed, Abdel A.  
 LEGAL REPRESENTATIVE: Pennie & Edmonds LLP  
 NUMBER OF CLAIMS: 42  
 EXEMPLARY CLAIM: 18  
 NUMBER OF DRAWINGS: 12 Drawing Figure(s); 9 Drawing Page(s)  
 LINE COUNT: 993  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 TI Human serum albumin-porphyrin complexes with the ability to bind oxygen  
 and therapeutic uses thereof

L6 ANSWER 23 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:47998 USPATFULL  
 TITLE: Plasma-like substance  
 INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
 Waitz, Harold D., Berkeley, CA, United States  
 Sternberg, Hal, Berkeley, CA, United States  
 Segall, Judith M., Berkeley, CA, United States  
 PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
 corporation)

|  | NUMBER   | KIND | DATE         |
|--|--|------|--------------|
| PATENT INFORMATION:                        | US 5747071   |      | 19980505     |
| APPLICATION INFO.:                         | US 1995-462650   |      | 19950605 (8) |
| RELATED APPLN. INFO.:                      | Division of Ser. No. US 1993-133527, filed on 7 Oct<br>1993, now abandoned which is a continuation-in-part of<br>Ser. No. US 1993-71533, filed on 4 Jun 1993, now<br>patented, Pat. No. US 5407428 |      |              |
| DOCUMENT TYPE:                             | Utility  |      |              |
| FILE SEGMENT:                              | Granted  |      |              |
| PRIMARY EXAMINER:                          | Lankford, Jr., Leon B.   |      |              |
| ASSISTANT EXAMINER:                        | Prats, Francisco C.  |      |              |
| LEGAL REPRESENTATIVE:                      | Bozicevic, Karl Bozicevic & Reed LLP, Field, Bret  |      |              |
| NUMBER OF CLAIMS:                          | 8  |      |              |
| EXEMPLARY CLAIM:                           | 1  |      |              |
| LINE COUNT:                                | 2007   |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |              |
| TI   | Plasma-like substance  |      |              |

L6 ANSWER 24 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:33917 USPATFULL  
 TITLE: Plasma-like substance  
 INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
 Waitz, Harold D., Berkeley, CA, United States  
 Sternberg, Hal, Berkeley, CA, United States  
 Segall, Judith M., Berkeley, CA, United States  
 PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
 corporation)

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 5733894  |      | 19980331     |
| APPLICATION INFO.:    | US 1995-465252  |      | 19950605 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1993-133527, filed on 7 Oct<br>1993, now abandoned which is a continuation-in-part of |      |              |

Ser. No. US 1993-71533, filed on 4 Jun 1993, now  
patented, Pat. No. US 5407428

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Lankford, Jr., Leon B.  
ASSISTANT EXAMINER: Prats, Francisco C.  
LEGAL REPRESENTATIVE: Field, BretBozicevic & Reed LLP, Bozicevic, Karl  
NUMBER OF CLAIMS: 19  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2100  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Plasma-like substance

L6 ANSWER 25 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 1998:22045 USPATFULL  
TITLE: Plasma-like substance  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
corporation)

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 5723281  |      | 19980303     |
| APPLICATION INFO.:                         | US 1995-471396  |      | 19950606 (8) |
| RELATED APPLN. INFO.:                      | Division of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428 |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | Granted   |      |              |
| PRIMARY EXAMINER:                          | Lankford, Jr., Leon B.  |      |              |
| ASSISTANT EXAMINER:                        | Prats, Francisco C.   |      |              |
| LEGAL REPRESENTATIVE:                      | Bozicevic, KarlBozicevic & Reed, LLP, Field, Bret   |      |              |
| NUMBER OF CLAIMS:                          | 11  |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| LINE COUNT:                                | 2069  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |
| TI   | Plasma-like substance   |      |              |

L6 ANSWER 26 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 97:118028 USPATFULL  
TITLE: Plasma-like substance  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc, Berkeley, CA, United States (U.S.  
corporation)

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 5698536  |      | 19971216     |
| APPLICATION INFO.:    | US 1995-463296  |      | 19950605 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428 |      |              |
| DOCUMENT TYPE:        | Utility   |      |              |
| FILE SEGMENT:         | Granted   |      |              |
| PRIMARY EXAMINER:     | Lankford, Jr., Leon B.  |      |              |



ASSISTANT EXAMINER: Prats, Francisco C.  
LEGAL REPRESENTATIVE: Bozicevic, Karl, Field, BretBozicevic & Reed LLP  
NUMBER OF CLAIMS: 20  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2090  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Plasma-like substance

L6 ANSWER 27 OF 29 USPATFULL on STN

ACCESSION NUMBER: 97:24469 USPATFULL  
TITLE: Plasma-like substance  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
corporation)

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 5613944  |      | 19970325     |
| APPLICATION INFO.:    | US 1995-462270  |      | 19950605 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428 |      |              |
| DOCUMENT TYPE:        | Utility   |      |              |
| FILE SEGMENT:         | Granted   |      |              |
| PRIMARY EXAMINER:     | McDermott, Corrine M.   |      |              |
| ASSISTANT EXAMINER:   | Van Over, Perry E.  |      |              |
| LEGAL REPRESENTATIVE: | Bozicevic, KarlFish & Richardson P.C.   |      |              |
| NUMBER OF CLAIMS:     | 20  |      |              |
| EXEMPLARY CLAIM:      | 1   |      |              |
| LINE COUNT:           | 2039  |      |              |
| TI                    | Plasma-like substance   |      |              |

L6 ANSWER 28 OF 29 USPATFULL on STN

ACCESSION NUMBER: 96:101567 USPATFULL  
TITLE: Plasma expander and blood substitute  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): Biotime, Inc., Berkeley, CA, United States (U.S.  
corporation)

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 5571801  |      | 19961105     |
| APPLICATION INFO.:                         | US 1995-446520  |      | 19950522 (8) |
| RELATED APPLN. INFO.:                      | Continuation of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428 |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | Granted   |      |              |
| PRIMARY EXAMINER:                          | Wityshyn, Michael G.  |      |              |
| ASSISTANT EXAMINER:                        | Prats, Francisco C.   |      |              |
| LEGAL REPRESENTATIVE:                      | Bozicevic, Karl, Gregg, ValetaFish & Richardson P.C.  |      |              |
| NUMBER OF CLAIMS:                          | 29  |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| LINE COUNT:                                | 2089  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |

TI Plasma expander and blood substitute

L6 ANSWER 29 OF 29 USPATFULL on STN

ACCESSION NUMBER: 92:40656 USPATFULL

TITLE: Hyperosmolar oxyreplete hemosubstitute

INVENTOR(S): Runge, Thomas M., 2630 Exposition Blvd., Austin, TX,  
United States 78703

|  | NUMBER                                 | KIND | DATE         |
|--|--|------|--------------|
| PATENT INFORMATION:                        | US 5114932                             |      | 19920519     |
| APPLICATION INFO.:                         | US 1990-620539                         |      | 19901130 (7) |
| DOCUMENT TYPE:                             | Utility                                |      |              |
| FILE SEGMENT:                              | Granted                                |      |              |
| PRIMARY EXAMINER:                          | Griffin, Ronald W.                     |      |              |
| LEGAL REPRESENTATIVE:                      | O'Boyle, James G., Angres, Isaac A.    |      |              |
| NUMBER OF CLAIMS:                          | 14                                     |      |              |
| EXEMPLARY CLAIM:                           | 1                                      |      |              |
| LINE COUNT:                                | 607                                    |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |              |
| TI   | Hyperosmolar oxyreplete hemosubstitute |      |              |

=> DIS HIST

(FILE 'HOME' ENTERED AT 14:52:02 ON 21 OCT 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 14:52:13 ON 21 OCT 2004  
SEA PLASMA SUBSTITUTE

|      |                  |
|------|------------------|
| 7    | FILE ADISCTI     |
| 1    | FILE ADISINSIGHT |
| 1    | FILE ADISNEWS    |
| 4    | FILE AGRICOLA    |
| 3    | FILE ANABSTR     |
| 9    | FILE BIOBUSINESS |
| 4    | FILE BIOCOMMERCE |
| 4    | FILE BIOENG      |
| 429  | FILE BIOSIS      |
| 10   | FILE BIOTECHABS  |
| 10   | FILE BIOTECHDS   |
| 64   | FILE BIOTECHNO   |
| 54   | FILE CABA        |
| 111  | FILE CANCERLIT   |
| 586  | FILE CAPLUS      |
| 3    | FILE CEABA-VTB   |
| 1    | FILE CEN         |
| 1    | FILE CIN         |
| 8    | FILE CONFSCI     |
| 12   | FILE DDFB        |
| 50   | FILE DDFU        |
| 23   | FILE DGENE       |
| 3    | FILE DISSABS     |
| 12   | FILE DRUGB       |
| 74   | FILE DRUGU       |
| 1    | FILE EMBAL       |
| 1707 | FILE EMBASE      |
| 27   | FILE ESBIODASE   |
| 1    | FILE FEDRIP      |
| 2    | FILE FROSTI      |

1 FILE FSTA  
 25 FILE IFIPAT  
 44 FILE IMSPRODUCT  
 53 FILE JICST-EPLUS  
 12 FILE LIFESCI  
 5284 FILE MEDLINE  
 10 FILE NIOSHTIC  
 81 FILE NTIS  
 647 FILE PASCAL  
 29 FILE PHAR  
 6 FILE PHARMAML  
 55 FILE PHIN  
 30 FILE PROMT  
 274 FILE SCISEARCH  
 816 FILE TOXCENTER  
 275 FILE USPATFULL  
 14 FILE USPAT2  
 1 FILE VETU  
 130 FILE WPIDS  
 130 FILE WPINDEX  
 L1 QUE PLASMA SUBSTITUTE  
 -----

FILE 'MEDLINE, EMBASE, TOXCENTER, PASCAL, CAPLUS, BIOSIS, USPATFULL,  
 SCISEARCH, WPIDS, CANCERLIT, NTIS, DRUGU' ENTERED AT 14:53:35 ON 21 OCT  
 2004

L2 10414 S PLASMA SUBSTITUTE  
 L3 57 S RECOMBINANT GELATIN  
 L4 0 S L2 AND L3  
 L5 505 S OSMOTIC AND L2  
 L6 29 S L5 AND RECOMBINANT

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

|                      |            |         |
|----------------------|------------|---------|
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL   |
|                      | ENTRY      | SESSION |
| FULL ESTIMATED COST  | 51.01      | 52.36   |

STN INTERNATIONAL LOGOFF AT 15:00:38 ON 21 OCT 2004